

Manhole Inspection Summary

Manhole # S43EE_036MH

Printed On: 8/19/2009

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **43EE** Node: **036** Status: **Found**

Insp Date: **4/9/08 8:32 AM**

Incomplete Comments

Crew: **ADS2**
Inspector: **ADS2**
Firm: **ADS**

Location Address: **1634 CHASE ST**

Cross Street: **BOND ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **100IN PIPES @12/4, DOF-78IN, SILT-31IN, RTC - @12-17.71 @4-17.68 Pipe too big - topv view cannot show the channel**

Cover

Shape: **Circular**

Diameter: **25.** (in.) Length: (in.) Dist A/B Grade: **0** (in.)
75

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☒ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **4** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☒ **Loose Brick** ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Concrete**

☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☐ Exists Material:

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **12** Missing: **2** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge** Depth: **11** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Top View



Defect 2



CRACKED CHIMNEY, LOOSE BRICKS

Defect 1



CRACKED BARREL

Defect 3



Evidence of surcharge, corroded steps

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4 in. Circular Gravity Sewer
Pipe In @ 12 O'Clock

12 O'Clock Inflow



Pipe Height: (in.) Direct

Pipe Material: **PVC** ☐ Pipe Lined

Invert Depth: **2.32** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ **Debris** ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

72 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: (in.) Direct

Pipe Material: **Concrete** ☐ Pipe Lined

Invert Depth: **17.71** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **31** (in.) Deposits Extent: **Medium**

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

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72 in. Circular Gravity Sewer
Pipe In @ 4 O'Clock

4 O'Clock Inflow



Pipe Height: (in.) Direct
Pipe Material: **Concrete** ☐ Pipe Lined
Invert Depth: **17.68** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease
Silt Depth: **31** (in.) Deposits Extent: **Medium**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow

Drop In @ 6 O'Clock



Pipe Height: (in.) Direct
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **12.66** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☐ Grease
Silt Depth: **2** (in.) Deposits Extent: **Medium**
Infiltration: **Gusher** Pipe Seal Cond: **Broken**

Drop: **Outside Direct**
Angled: Reading: (ft.)
Inv Depth: **19.19** (ft.)
Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection